

# ATTORNEY DOCKET NO. 17104.0001U2 PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
Lasken, et al.	) Art Unit: 1637
Application No. 09/920,571 V	) Examiner: Strzelecka, T.E
Filing Date: July 31, 2001	) Confirmation No. 4875
For: MULTIPLY-PRIMED AMPLIFICATION OF NUCLEIC ACID SEQUENCES	) ) )

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C. Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. Some of the documents cited were cited by or submitted to the Patent Office in Application No. 09/605,192, filed June 28, 2000, to which the present application claims priority. These documents are indicated by an asterisk on the Information Disclosure Statement List. Pursuant to 37 C.F.R. § 1.98(d), copies of these documents are not enclosed. A copy of each of the remaining foreign patent or non-patent documents is enclosed.

In accordance with the provisions of M.P.E.P. § 2001.06(b) and 37 C.F.R. § 1.98(b)(3), Applicants would like to bring to the attention of the Examiner the existence of the co-pending patent application(s) identified below, which were filed in the United States Patent and Trademark Office:

	Application No.	<b>Date Filed</b>	<u>Inventors</u>	Attorney Docket No.
1.	*09/514,113	02/28/2000	Dean, et al.	13172.0001U1

The pending application(s) identified with an asterisk (\*) are stored in the Image File Wrapper (IFW) system of the USPTO. Accordingly, copies of the cited specification(s), including the claims and drawings thereof, are not enclosed in accordance with the waiver to 37 CFR 1.98(a)(2)(iii) dated September 21, 2004.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(4), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants following the Request For Continued Examination Under 37 C.F.R. § 1.114 filed December 7, 2006.

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

## ATTORNEY DOCKET NO. 17104.0001U2 Application No. 09/920,571

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

Scott D. Marty, Ph.D. Registration No. 53,277

NEEDLE & ROSENBERG, P.C. Customer Number 23859 (678) 420-9300 (678) 420-9301 (fax)

CERTIFICATE	OF MAI	LING UNDER	37 C.F.R	. 8 1.8

I hereby certify that this correspondence including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Scott D. Marty, Ph.D.

Data



### ATTORNEY DOCKET NO. 17104.0001U2 APPLICATION NO. 09/920,571 SHEET 1 OF 21

# INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

Com	plete if Known	
Application Number	09/920,571	
Filing Date	July 31, 2001	
First Named Inventor	Lasken, R.S.	
Group Art Unit	1637	
Examiner Name	Strzelecka, T.E.	

	·		II C DA	TENT DOCUMENTS			
Examiner's	Cite	Document No.	Date	Name	Class	Subclass	Filing Date
Initials	No.	Boodinent 140:					(if appropriate
	AA1	2,264,423	08/29/39	Wingenroth			
	AA2	3,687,808	08/29/72	Merigan et al.			
	AA3	3,921,105	11/75	Brgetz			
	AA4	3,983,421	09/76	Yogore			
	AA5	4,469,863	09/04/84	Ts'o			_
	AA6	4,476,301	10/09/84	Imbach et al.			
	AA7	4,748,111	05/31/88	Dattagupat et al.			
	AA8	4,845,205	07/04/89	Huynh Dinh et al.			
	AA9	4,883,750	11/28/89	Whiteley et al.			
	AA10	*4,965,188	10/23/90	Mullis et al.			
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	AA12	4,981,957	01/01/91	Lebleu et al.			
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·	AA14	4,994,373	02/19/91	Stavrianopoulos et al.			
4	AA15	*5,001,050	03/19/91	Blanco et al.			
<u> </u>	AA16	5,023,243	06/11/91	Tullis			
	AA17	5,034,506	07/23/91	Summerton et al.			
	AA18	5,043,272	08/27/91	Hartley			
	AA19	5,118,800	06/02/92	Smith et al.			
	AA20	5,130,238	07/14/92	Malek et al.			
	AA21	5,130,302	07/14/92	Spielvogel et al.			
	AA22	5,134,066	07/28/92	Rogers et al.			
· · · · ·	AA23	5,166,315	11/24/92	Summerton et al.			
	AA24	5,175,273	12/29/92	Bischofberger et al.			
	AA25	5,177,196	01/05/93	Meyer Jr., et al.			
	AA26	5,185,444	02/09/93	Summerton et al.			
	AA27	5,188,897	02/23/93	Suhadolnik et al.			
	AA28	*5,198,543	03/30/93	Blanco et al.			
	AA29	5,214,134	05/25/93	Weis et al.			
	AA30	5,216,141	06/01/93	Benner			
	AA31	5,235,033	08/10/93	Summerton et al.			
	AA32	5,242,794	09/07/93	Normal et al.			
	AA33	5,264,423	11/23/93	Cohen et al.			
	AA34	5,264,562	11/23/93	Matteucci			
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	AA36	5,264,567	11/23/93	Numata et al.			
	AA37	5,273,638	12/28/93	Konrad et al.			
	AA38	5,276,019	01/04/94	Cohen et al.			

**Examiner Signature:** 

Date Considered:

### ATTORNEY DOCKET NO. 17104.0001U2 APPLICATION NO. 09/920,571 SHEET 2 OF 21

			Com	plete if Kn	own
INFORMATION DISCLOSURE	STATEM	ENT	Application Number	09/920	),571
LIST			Filing Date	July 31	1, 2001
			First Named Inventor	Lasker	n, R.S.
(Use as many sheets as nece	ssary)		Group Art Unit	1637	
			Examiner Name	Strzele	ecka, T.E.
AA39 5,278,302	01/11/94	Caruthe	rs et al.		
AA40 5,286,717	02/15/94	Cohen e	et al.		
AA41 5,319,080	06/07/94	Leuman	n		
AA42 5,321,131	06/14/94	Agrawa	l et al.		
AA43 5,328,824	07/12/94	Ward et			
AA44 5,354,668	10/11/94	Auerbac			
AA45 5,359,044	10/25/94	Cook et	al.		
AA46 5,367,066	11/22/94	Urdea e	t al.		
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AA48 5,393,878	02/28/95	Leuman			
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AA50 5,405,938	04/11/95	Summe	rton et al.		
AA51 5,405,939	04/11/95	Suhado	Inik et al.		
AA52 *5,409,818	04/25/95	Davey 6	et al.		·
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AA59 5,446,137	08/29/95	Maag e	t al.		
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AA61 5,451,203	09/19/95	Lamb			
AA62 5,453,496	09/26/95	Caruthe	rs et al.		
AA63 *5,455,166	10/03/95	Walker			
AA64 5,455,233	10/03/95	Spielvo	gel et al.		
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AA67 5,466,677	11/14/95	Baxter e	et al.		
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AA69 5,470,967	11/28/95	Huie et	al.		
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AA77 5,516,134	05/14/96	Crawfor	d et al.		
AA78 5,516,663	05/96	Backma	ın et al.		

Eva	miner	Sign	ature:
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Date Considered:

#### Complete if Known **Application Number** 09/920,571 INFORMATION DISCLOSURE STATEMENT Filing Date July 31, 2001 LIST First Named Inventor Lasken, R.S. (Use as many sheets as necessary) **Group Art Unit** 1637 Strzelecka, T.E. **Examiner Name AA79** 5,519,126 05/21/96 Hecht **AA80** 5,519,134 05/21/96 Acevedo et al. **AA81** 5,521,065 05/28/96 Whiteley et al. AA82 5,523,204 06/04/96 Singer et al. AA83 5,525,711 06/11/96 Hawkins et al. 5,536,821 07/16/96 Agrawal et al. AA84 **AA85** 5,538,871 07/23/96 Nuovo et al. 5,539,082 07/23/96 Nielsen et al. **AA86 AA87** 5,541,306 07/30/96 Agrawal et al. 07/30/96 **AA88** 5,541,307 Cook et al. AA89 5,547,843 08/20/96 Studier et al. 08/27/96 Suhadolnik et al. AA90 5,550,111 AA91 5,552,540 09/03/96 Haralambidis 09/96 AA92 5,556,772 Sorge et al. AA93 5,561,225 10/01/96 Maddry et al. AA94 5,563,037 10/08/96 Sutherland et al. AA95 5,563,253 10/08/96 Agrawal et al. 10/08/96 Yasunga et al. AA96 5,563,912 **AA97** 5,567,811 10/22/96 Misiura et al. 5,571,799 11/05/96 Tkachuk et al. AA98 AA99 5,576,427 11/19/96 Cook et al. AA100 5,587,361 12/24/96 Cook et al. AA101 | 5,587,469 12/24/96 Cook et al. AA102 | 5,591,609 01/07/97 Auerbach AA103 | 5,591,722 01/07/97 Montgomery et al. AA104 | 5,594,121 01/14/97 Froehler et al. AA105 | 5,596,086 01/21/97 Matteucci et al. 01/21/97 Switzer et al. AA106 | 5,596,091 AA107 | 5,597,909 01/28/97 Urdea et al. 02/97 Sorge et al. AA108 | 5,599,921 A AA109 | 5,602,240 02/11/97 De Mesmaeker et al. 03/04/97 Cook et al. AA110 | 5,608,046 AA111 | 5,610,289 03/11/97 Cook et al. AA112 | 5,610,300 03/11/97 Altmann et al. 03/25/97 AA113 5,614,389 Auerbach 03/25/97 McCaslin et al. AA114 | 5,614,390 AA115 5,614,617 03/25/97 Cook et al. 04/08/97 AA116 5,618,704 Sanghui et al. AA117 | 5,623,070 04/22/97 Cook et al. AA118 5,625,050 04/29/97 Beaton et al.

**Examiner Signature:** 

Date Considered:

				Com	plete if Kno	own	
INFORMATIO	N DISCLOSURE	STATEM	ENT	Application Number	09/920		
5	LIST		•	Filing Date	July 31	, 2001	
				First Named Inventor	Lasker	n, R.S.	
(Use	as many sheets as neces	ssary)		Group Art Unit	1637		
·	•			Examiner Name	Strzele	cka, T.E.	
ΔΔ119	5,627,053	05/06/97	Usman	et al		*****	<u> </u>
	5,629,158	04/13/97	Uhlen		ļ · · · · · ·		
	5,629,179	05/13/97		dorf et al.			
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	5,658,873	08/19/97		n-Frank et al.	_		
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	5,670,633	09/23/97	Cook et				
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AA145	*5,871,921	02/16/99	Landgre	en et al.			
AA146	5,874,260	02/23/99	Cleuzia	t et al.			
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AA148	5,909,132	06/99	Trofime	enkoff et al.			
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AA150	*5,942,391	08/24/99	Zhang				
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AA152	5,985,639	11/99		nson et al.			ļ
	6,008,373	12/99		ner et al.		<u> </u>	
AA154	6,017,703	01/25/00	Kinders				
AA155	6,033,881	03/07/00	Himmle		<u> </u>	<u> </u>	
AA156	6,037,130	03/14/00	Tyagi e			ļ	
	6,054,274	04/00	<del></del>	on et al.		<b>_</b>	
AA158	6,057,105	05/02/00	Hoon e	t al.	1		

**Examiner Signature:** 

Date Considered:

#### Complete if Known Application Number 09/920,571 INFORMATION DISCLOSURE STATEMENT Filing Date July 31, 2001 LIST First Named Inventor Lasken, R.S. (Use as many sheets as necessary) Group Art Unit 1637 Strzelecka, T.E. **Examiner Name** AA159 \*6,077,668 6/20/00 Kool AA160 6,077,674 06/00 Schleifer et al. AA161 | \*6,096,880 08/01/00 Kool AA162 6.117.635 09/12/00 Nazarenko et al. AA163 | 6,124,120 09/26/00 Lizardi AA164 6,132,728 10/17/00 Beachy et al. 11/07/00 AA165 | 6,143,495 Lizardi et al. 02/06/01 AA166 | 6,183,960 Lizardi AA167 | 6,203,984 03/20/01 Hu et al. 04/03/01 AA168 | 6,210,884 Lizardi AA169 | 6,214,587 04/10/01 Dattagupta et al. 04/24/01 AA170 | 6,221,603 B1 Mahtani AA171 | 6,235,502 05/01 Weissman et al. 06/19/01 Dandenberg et al. AA172 | 6,248,535 Lizardi et al. AA173 | 6,255,082 B1 07/03/01 AA174 | 6,274,320 08/01 Rothberg et al. AA175 | 6,277,607 08/21/01 Tyagi et al. 08/28/01 Lizardi AA176 | 6,280,949 AA177 | 6,287,768 09/11/01 Chenchik et al. 09/11/01 Hefti AA178 | 6,287,776 AA179 | 6,287,824 09/11/01 Lizardi 09/11/01 Kambara et al. AA180 | 6,288,220 09/18/01 Kingsmore et al. AA181 | 6,291,187 B1 09/18/01 AA182 6,291,193 Khodadoust AA183 | 6,291,669 09/18/01 Kwiatkowski et al. Ravikumar et al. AA184 | 6,294,664 09/25/01 AA185 | 6,297,006 10/02/01 Drmanac et al. 11/06/01 Shultz et al. AA186 | 6,312,902 AA187 | 6,316,229 11/13/01 Lizardi et al. Lizardi et al. AA188 | 6,329,150 12/11/01 02/05/02 Lizardi AA189 | 6,344,329 03/02 Chee et al. AA190 | 6,355,431 04/02 Tyaqi et al. AA191 | 6,365,729 B1 04/09/02 Faruqi AA192 | 6,368,801 06/02 Lizardi et al. AA193 | 6,403,319 08/27/02 Kwok et al. AA194 | 6,440,707 AA195 6,458,544 10/01/02 Miller 10/29/02 McCasky Feazel et al. AA196 | 6,472,185 AA197 | 6,475,736 11/02 Stanton AA198 6,479,242 11/12/02 Guo et al.

**Examiner Signature:** 

Date Considered:

#### Complete if Known Application Number 09/920,571 INFORMATION DISCLOSURE STATEMENT Filing Date July 31, 2001 LIST First Named Inventor Lasken, R.S. **Group Art Unit** 1637 (Use as many sheets as necessary) Strzelecka, T.E. **Examiner Name** AA199 6,479,244 11/12/02 Belouchi et al. AA200 6.498.023 12/24/02 Abarzua AA201 | 6,531,283 03/11/03 Kingsmore et al. AA202 6,573,051 06/03/03 Alsmadi et al. AA203 | 6,617,137 09/09/03 Dean et al. AA204 6,632,609 10/14/03 Lizardi AA205 | 6,635,425 10/21/03 Bandaru et al. AA206 | 6,670,126 12/30/03 Kingsmore et al. AA207 | 6,686,157 02/03/04 Ward et al. AA208 | 6,703,228 03/04 Landers et al. AA209 6,703,885 02/04 Fan et al. AA210 | 6,713,257 03/04 Shoemaker et al. AA211 | 6,777,183 08/17/04 Abarzua 09/28/04 AA212 6,797,474 Lizardi AA213 | 6,811,986 11/02/04 Bandaru et al. AA214 | 6,830,884 12/14/04 Hafner et al. AA215 | 6,861,222 03/01/05 Ward et al. 07/26/05 Kingsmore et al. AA216 | 6,921,642 AA217 | 6,977,153 12/20/05 Kumar et al. 05/09/06 AA218 | 7,041,480 Abarzua AA219 2001/0041340 11/15/01 Kingsmore et al. 01/24/02 Abarzua AA220 | 2002/0009716 08/16/02 Zhao et al. AA221 | 2002/0119465 AA222 2002/0120409 08/02 Cao et al. AA223 | 2002/0192649 12/19/02 Lizardi Ward et al. AA224 | 2002/0192658 12/19/02 AA225 | 2002/0197694 12/02 Shao AA226 | 2003/0008313 01/09/03 Whitshire AA227 | 2003/0022167 01/30/03 Alsmadi et al. 02/13/03 AA228 | 2003/0032024 Lizardi 03/06/03 AA229 | 2003/0044794 Bandaru et al. 06/12/03 AA230 | 2003/0108902 Abarzua 07/31/03 Kingsmore et al. AA231 | 2003/0143613 08/14/03 Kumar et al. AA232 | 2003/0152932 AA233 | 2003/0165948 09/04/03 Alsmadi et al. 09/18/03 Alsmadi et al. AA234 | 2003/0175788 AA235 | 2003/0207323 11/06/03 Bandaru et al. 12/25/03 Lizardi AA236 | 2003/0235849 AA237 2004/0091857 05/13/04 Nallur et al. 06/24/04 Alsmadi et al. AA238 | 2004/0121338

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Date Considered:

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INFOR	MATIO	N DISCLOSURE	STATEM	ENT	Application Number	09/920,57	1
		LIST	· · · · · · · · · · · · · · · · · · ·		Filing Date	July 31, 20	001
					First Named Inventor	Lasken, R	.S.
	(Use	as many sheets as neces	sary)		Group Art Unit	1637	
					Examiner Name	Strzelecka	i, T.E.
***	A A 220	2004/0126770	07/01/04	Kumar			,
	AA239 AA240	2004/0126770 2004/0191784	09/30/04	Kumar e Abarzua			
	AA240 AA241	2004/0191764	12/09/04	Feaver		<del> </del>	
<u> </u>	AA241	2004/0248103	12/30/04	Lizardi	EL al.		
	AA243		04/14/05	Hafner		<del>    -</del>	
		2006/0166227	07/27/06	<del></del>	ore et al.		
	AA245		08/24/06	Kumar		<del> </del>	
	100270				DOCUMENTS		
Examiner's	Cite	Foreign Patent	Date	- 1 1 mal 7 1	Name	-	Translation
Initials	No.	Document Country Code-Number-Kind Code					Yes/No
	AA246	AU 649066	05/12/94	Syng	ene, Inc.		
	AA247	AU 714486	04/20/00	Yale	Jniversity		
	AA248	EP 0 070 685	07/14/82		o Corporation		
	AA249	EP 0 128 332	12/19/84		Biochem Inc.		
		EP 0 356 021	02/28/90		ial Chemical Ind., PLC		
	1	EP 0 379 369	07/25/90	Synte			
		EP 0 439 182	07/31/91	<del></del>	t Laboratories		
		EP 0 466 520	01/15/92		echnologies, Inc.		
	<del>                                     </del>	EP 0 505 012	09/23/92		ffman-La Rouche AG		
		EP 0 667 393	08/16/95		Biochem Inc.		ļ
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	AA257	EP 0 745 690	12/04/96		Health Research Institute W York, Inc.	e of the City	
	AA258	EP 0 756 009 A2	01/29/97	Sato	et al.		
	AA259	GB 2,332,516	06/23/99		ett-Packard Co.		
	AA260	JP 4262799	09/18/92		oo Co. Ltd		Yes
		JP 4304900	10/28/92		oo Co. Ltd		Abstract Only
		JP 5146299	06/15/93		oo Company, Ltd		Abstract Only
	-	WO 91/08307	06/13/91		probe Corp.	<u> </u>	-
_		*WO 92/01813	02/06/92		ene, Inc.	11. A = - f 11	_
	AA265	WO 94/16108	07/21/94		Public Health Research Ins f New York, Inc.	titute of the	
	AA266	WO 94/24312	10/27/94		man Instruments, Inc.		
		WO 95/03430	02/02/95		Probe Inc.		
		WO 95/03432	02/02/95		ad Laboratories, Inc.	,	
	AA269		08/24/95		indegren	·	<u> </u>
		WO 95/25180	09/21/95		Probe Inc.	• • • • • • • • • • • • • • • • • • • •	
	AA271	WO 95/35390	12/28/95	1	t Sinai School of Medicine rsity of New York	of the City	
	AA272	WO 96/33207	10/24/96	Glaxo	Group Limited		

Examiner Signature:

Date Considered:

INFORMATION DISCLOSURE STATEMENT LIST  Application Number 09/920,571  Filing Date July 31, 2001  First Named Inventor Lasken, R.S.  Group Art Unit 1637  Examiner Name Strzelecka, T.E.				
LIST  Filing Date  First Named Inventor  Lasken, R.S.  Group Art Unit  Examiner Name  Strzelecka, T.E.				
(Use as many sheets as necessary)  First Named Inventor Lasken, R.S.  Group Art Unit 1637  Examiner Name Strzelecka, T.E.				
Examiner Name Strzelecka, T.E.				
Examiner Name Strzelecka, T.E.				
AA273 WO 97/17076 05/15/97 Biometric Imaging, Inc.				
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AA275 WO 97/19193 05/29/97 Yale University				
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AA279 WO 99/31276 06/24/99 Nexstar Pharmaceuticals, Inc.				
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